

November 30 (Thu.) 9:40 - 11:40 Tokyo Dome City, Theatre G-ROSSO

Proposed Collaboration Project Symposium of the 51st Annual Meeting of the Japanese Association for Acute Medicine and the 6th meetings of the EMS Asia 2023 Tokyo

Moderators: Hideharu Tanaka (*Professor, Graduate School of Kokushikan University, Japan*)

Marcus Ong (*Senior Consultant, Director of Research, and Clinician Scientist, Department of Emergency Medicine in Singapore General Hospital, Singapore*)

EMS-1 Digital Transformation of EMS Asia:

The “Safe-Yunlin” Digital Health Network with Information Communication Technology and Service Innovation to Help Emergency Care in Taiwan

Matthew Huei-Ming Ma (*Professor of Emergency Medicine at National Taiwan University, Superintendent of National Taiwan University Hospital, Yunlin Branch, Taiwan*)

EMS-2 New Strategy of Cardiopulmonary Resuscitation Training: Virtual Plus Training

Sang Do Shin (*Professor, Department of Emergency Medicine, Seoul National University College of Medicine and Hospital, Korea*)

EMS-3 The Future of Emergency Medicine Using Technology

-The Challenge of Smart119, a National University Startup in Japan-

Taka-aki Nakada (*Professor of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine / CEO, Smart119 Inc.*)

EMS-4 An Overview of Future technologies for EMS

Yih Yng Ng (*Director at the Digital and Smart Health Office and the Deputy Clinical Director, Ng Teng Fong Centre for Healthcare Innovation, Singapore*)

EMS-5 D1669: The Digital Transformation for Emergency Care Innovation in Thailand

Flt.Lt. Atchariya Pangma (*Secretary-General of the National Institute for Emergency Medicine, Thailand*)

November 30 (Thu.)

12:55 - 13:15

Room 1 (SECOM, SECOM-Hall)

AAEMS Presidential Address

Moderator: Yih Yng Ng (*Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore*)

K1-1 AAEMS Presidential Address — before and after COVID-19—

Matthew Huei-Ming Ma (*Emergency Medicine, National Taiwan University Hospital Yunlin Branch Yunlin, Taiwan*)

November 30 (Thu.)

14:30 - 16:10

Room 1 (SECOM, SECOM-Hall)

PAROS session

Moderators: Marcus Ong (*Senior Consultant, Director of Research, and Clinician Scientist, Department of Emergency Medicine in Singapore General Hospital, Singapore*)

Satoshi Takeda (*The Jikei University School of Medicine, Japan*)

SY1-1 An Overview and Future Vision for the Out-of-Hospital Cardiac Arrest Registry of the Japanese Association for Acute Medicine

Takashi Tagami (*Department of Emergency and Critical Care Medicine, Nippon Medical School Musashikosugi Hospital, Japan*)

SY1-2 Stakeholder Engagement and Developing a Culture of Excellence in EMS

Faith Joan Gaerlan (*UP-PGH Department of Emergency Medicine, Philippine*)

SY1-3 Unification of Ambulance Service in Central Klang Valley as Regional Prehospital Care Service in Malaysia – a Post Covid Improvement Strategy

Sarah Abdul Karim (*Klang Valley Ambulance Service, Hospital Sungai Buloh, Malaysia*)

SY1-4 Epidemiology of OHCA cases in Zhejiang Province China

Wenwei Cai (*Department of Emergency Medicine, Zhejiang Provincial People's Hospital, China*)

SY1-5 The challenges with pre-hospital care in developing countries and the development of a pre-hospital emergency care systems evaluation toolkit (PECSET) for developing countries

Gayathri Devi Nadarajan (*Singapore General Hospital, Singapore*)

November 30 (Thu.) 16:10 - 17:50 Room 1 (SECOM, SECOM-Hall)

HP-CPR training: how to localize in Asian countries

Moderators: Patrick Chow-In Ko (Department of Emergency Medicine, National Taiwan University Hospital, Taiwan)
Hidetada Fukushima (Department of Emergency and Critical Care Medicine, Nara Medical University, Japan)

- SY2-1 HP-PCR Present and Past**
Jonathan Larsen (Resuscitation Academy Seattle, U.S.)
- SY2-2 Developing a Japanese version of the High-Performance CPR training program**
Takahiro Hara (Faculty of Emergency medicine of Health Care Medical Department, Meiji university of integrative medicine, Japan)
- SY2-3 High Performance CPR training in Asian Countries**
Yih Yng Ng (Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore)
- SY2-4 HP-CPR: How is it implemented in Taiwan?**
Sheng-Wen Hou (Taipei Fire Department, Taiwan)
- SY2-5 A Novel Algorithm to Recognize Agonal Respiration for Emergency Call of Cardiac Arrest Dispatch**
Patrick Chow-In Ko (Department of Emergency Medicine, National Taiwan University Hospital, Taiwan)

November 30 (Thu.) 17:50 - 18:35 Room 1 (SECOM, SECOM-Hall)

Lancet committee report

Moderator: Marcus Ong (Senior Consultant, Director of Research, and Clinician Scientist, Department of Emergency Medicine in Singapore General Hospital, Singapore)

- SP1 Sudden Cardiac Death: The Lancet Commission Report**
Sang Do Shin (Department of Emergency Medicine, Seoul National University, Korea)
Marcus Ong (Senior Consultant, Director of Research, and Clinician Scientist, Department of Emergency Medicine in Singapore General Hospital, Singapore)
Taku Iwami (Department of Preventive Services, Kyoto University School of Public Health, Japan)

November 30 (Thu.) 14:30 - 16:10 Room 2 (TOGO-KINENKAN, JUKO)

What's new in EMS

Moderators: Ali Haedar (Department of Emergency Medicine, Saiful Anwar general Hospital, Faculty of Medicine Universitas Brawijaya, Indonesia)
Patrick Chow-In Ko (Department of Emergency Medicine, National Taiwan University Hospital, Taiwan)

- SY3-1 Virtual Reality Education for Emergency Medical Training in Japan: Present and Future**
Ryo Sagisaka (Department of Integrated Science and Engineering for Sustainable Societies, Faculty of Science and Engineering, Chuo University, Japan)
- SY3-2 International Research Priorities in Paramedicine**
Brett Williams (Department of Paramedicin, Monash University, Australia / Faculty of Applied Medical Sciences, Jordan University of Technology (JUST))
- SY3-3 What's New in EMS – Generative AI and how it can be used in EMS**
Yih Yng Ng (Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore)
- SY3-4 Why Industrial EMS should be the new sub-specialty in EMS?**
Subroto Das (Lifeline Foundation, India)
- SY3-5 What's New in EMS 2023?**
David Page (Prehospital Care Research Forum at UCLA, U.S.)

November 30 (Thu.) 16:10 - 17:50 Room 2 (TOGO-KINENKAN, JUKO)

PATOS session

Moderators: Sang Do Shin (*Department of Emergency Medicine, Seoul National University, Korea*)
 Daizoh Saitoh (*Graduate school of Emergency Medical System, Kokushikan University, Japan*)

- SY4-1 Trauma quality assurance program**
 Kyoung-Jun Song (*Seoul National University Boramae Medical Center, Korea*)
- SY4-2 Audiovisual Medical Direction for Trauma Care**
 Satttha Riyapan (*Department of Emergency Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand*)
- SY4-3 Traumatic cardiac arrest, Is it futile?**
 Wen-Chu Chiang (*National Taiwan University Hospital (NTUH), Taiwan*)
- SY4-4 Prehospital Trauma Care Education**
 Sabariah Faizah (*Department of Emergency Medicine, University Technology MARA, Malaysia*)
- SY4-5 Trauma Care System in Viet Nam**
 Bao Huy Le (*Department of Emergency Medicine & Thong Nhat Hospital, Vietnam*)

November 30 (Thu.) 17:50 - 19:20 Room 2 (TOGO-KINENKAN, JUKO)

Developing EMS System

Moderators: Benedict Edward P. Valdez (*Southern Philippines Medical Center, Philippine*)
 Yoshihiro Yamahata (*Kyoto Prefectural University of Medicine, Graduate School of Medical Science, Department of Emergency and Disaster Medical System/ Emergency Medical Science, Lecturer, Japan*)

- SY5-1 Emergency Medical Services in Azerbaijan**
 Ridvan Atllia (*WHO Country Office Azerbaijan, Azerbaijan*)
- SY5-2 Pakistan Life-Savers Program**
 Junaid Razzak (*Director, Center of Excellence, Trauma and Emergencies, The Aga Khan University; Department of Emergency Medicine, Weill Cornell Medicine, Pakistan*)
- SY5-3 Situation Emergency Medical Service in Cambodia**
 Chhor Nareth (*Emergency Department, Calmette Hospital, Cambodia*)
- SY5-4 Withdraw**
- SY5-5 Exploring the factors impacting in dropping helicopter EMS calls in Nepal**
 Sanjaya Karki (*Department of Emergency and Pre hospital care, Nepal Medicity Hospital, Lalitpur, Nepal*)
- SY5-6 The challenges with pre-hospital care in developing countries and the development of a pre-hospital emergency care systems evaluation toolkit (PECSET) for developing countries**
 Gayathri Devi Nadarajan (*Singapore General Hospital, Singapore*)

December 1 (Fri.) 9:20 - 9:35 Room 1 (SECOM, SECOM-Hall)

Conference Presidential address

Asian Paramedics in the 21st Century, Clinical, Educational, and Research Perspectives
 Hideharu Tanaka (*Graduate School, Emergency Medical System, Kokushikan University, Japan*)

December 1 (Fri.) 9:40 - 11:30 Room 1 (SECOM, SECOM-Hall)

COVID-19 EMS

Moderators: Sabariah Faizah Jamaluddin (*Department of Emergency Medicine, University Technology MARA, Malaysia*)
Tatsuya Nishiuchi (*Department of Emergency and General Medicine, Amagasaki General Medical Center, Japan*)

- SY6-1 Modified EMS Protocols to Respond COVID-19**
Ali Haedar (*Department of Emergency Medicine, Saiful Anwar general Hospital, Faculty of Medicine Universitas Brawijaya, Indonesia*)
- SY6-2 Leveraging task shifting and sharing for effective emergency and COVID-19 care: Insights from India**
Shukanto Das (*Usher Institute, University of Edinburgh, UK / Lifeline Foundation, Vadodara, India*)
- SY6-3 COVID-19 and Pandemic impact on EMS and Emergency Trauma Care**
Shaun Goh (*Emergency/Woodlands Health, Singapore*)
- SY6-4 The impact and response of COVID-10 on Taiwan's EMS**
Wen-Chu Chiang (*National Taiwan University Hospital (NTUH), Taiwan*)
- SY6-5 The impact of COVID-19 on the EMS system in Korea**
Kyoung-Jun Song (*Seoul National University Boramae Medical Center, Korea*)

December 1 (Fri.) 12:45 - 13:15 Room 1 (SECOM, SECOM-Hall)

International lecture 1

Moderator: Bryan McNally (*Department of Emergency Medicine, Emory University School of Medicine, U.S.*)

Michael Carr (*Department of Emergency Medicine, Emory University School of Medicine, U.S.*)

December 1 (Fri.) 13:15 - 15:05 Room 1 (SECOM, SECOM-Hall)

How to implement Resuscitation academy in Asia (GRA session)

Moderators: Taku Iwami (*Department of Preventive Services, Kyoto University School of Public Health, Japan*)
Matthew Huei-Ming Ma (*Emergency Medicine at National Taiwan University, Taiwan*)

- SY7-1 Implementing the Resuscitation Academy in Asia: Why the Need?**
Peter Kudenchuk (*Department of Medicine, Division of Cardiology, University of Washington, U.S.*)
- SY7-2 Global Resuscitation Alliance Japan Chapter: From Inception to the Present**
Hidetada Fukushima (*Department of Emergency and Critical Care Medicine, Nara Medical University, Nara, Japan*)
- SY7-3 The Medical Director's RA Role: Improve Outcomes Through Leadership and Collaboration**
Michael Levy (*Health Sciences and practices community-based emergency medicine, University of Alaska, U.S.*)
- SY7-4 How to implement Resuscitation academy in Asia**
Marcus Ong (*Senior Consultant, Director of Research, and Clinician Scientist, Department of Emergency Medicine in Singapore General Hospital, Singapore*)
- SY7-5 Resuscitation academy in Denmark**
Freddy Lippert (*International Chief Medical Officer, Denmark*)

December 1 (Fri.) 15:10 - 16:50 Room 1 (SECOM, SECOM-Hall)

Asian DX

Moderators: Daizoh Saitoh (*Graduate school of Emergency Medical System, Kokushikan University, Japan*)
Faith Joan Gaerlan (*UP-PGH Department of Emergency Medicine, Philippine*)

- SY8-1 Digital Transformation in the Singapore EMS and looking into the future**
Yih Yng Ng (*Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore*)

- SY8-2 Beyond Registry: OSEM's Pioneering Data Exchange for EMS**
Yu-Chun Chien (*National Fire Agency, Taiwan*)
- SY8-3 EMS Digital Transformation in South Korea**
Jeong Ho Park (*Emergency Medicine Department, Seoul National University Hospital, Korea*)
- SY8-4 The progress of the ongoing projects to digitalize the operations around the emergency medicine in Indonesia and Malaysia**
Yuta Iwamoto (*TXP Medical Co. Ltd., Japan*)
- SY8-5 Navigating the Digital Evolution: Transforming Emergency Medical Services in the United States - Insights from the Pandemic and Path Ahead**
José Cabañas (*President National Association of EMS Physicians (NAEMSP), U.S. / Chief Medical Officer, Wake County Government, Raleigh, North Carolina, U.S. / Adjunct Associate Professor, Department of Emergency Medicine at University of North Carolina at Chapel Hill, U.S.*)

December 1 (Fri.)

9:40 - 11:30

Room 2 (TOGO-KINENKAN, JUKO)

Best Young Investigator: presentation**Moderators:** Hideharu Tanaka (*Graduate School, Emergency Medical System, Kokushikan University, Japan*)Matthew Huei-Ming Ma (*Emergency Medicine at National Taiwan University, Taiwan*)

- BY11-1 Sex Differences in Bystander CPR in Out-of-Hospital Cardiac Arrests: A Scoping Review**
Christina Chen (*Pre-hospital & Emergency Research Centre, Duke-NUS Medical School, Singapore*)
- BY11-2 Interaction between bystander sex and patient sex in bystander cardiopulmonary resuscitation for Out-of-Hospital cardiac arrests**
Gyeongmin Lee (*Department of Emergency Medicine, Dongguk University Ilsan Hospital, Goyang, Korea / Laboratory of Emergency Medical Services, Seoul National University Hospital Biomedical Research Institute, Korea*)
- BY11-3 The association between advanced airway management devices and 1-month Survival after out-of-hospital cardiac arrest in Asian countries: A propensity score analysis**
Koshi Nakagawa (*Graduate school of Emergency Medical System, Kokushikan University, Japan*)
- BY11-4 Association between the timing of mechanical CPR setup and outcome of OHCA patients**
Ying-Kuo Liu (*Emergency Department, Department of Emergency and Critical Care Medicine, Wan Fang Hospital, Taipei Medical University, Taiwan*)
- BY11-5 When the machine is wrong. Characteristics of true and false predictions of Out-of-Hospital Cardiac arrests in emergency calls using a machine-learning model**
Stig Nikolaj Blomberg (*Clinical Medicine, University of Copenhagen, Denmark / Copenhagen Emergency Medical Services, Denmark*)

December 1 (Fri.)

12:45 - 13:15

Room 2 (TOGO-KINENKAN, JUKO)

International lecture 2**Moderator:** Hideharu Tanaka (*Professor, Graduate School of Kokushikan University, Japan*)José G Cabañas (*President National Association of EMS Physicians (NAEMSP), U.S. / Chief Medical Officer, Wake County Government, Raleigh, North Carolina, U.S. / Adjunct Associate Professor, Department of Emergency Medicine at University of North Carolina at Chapel Hill, U.S.*)

December 1 (Fri.)

13:15 - 15:05

Room 2 (TOGO-KINENKAN, JUKO)

Disaster EMS**Moderators:** Masamune Kuno (*Department of Emergency & Critical Care Medicine, Nippon Medical School Tamanagayama Hospital, Japan*)Kyoung-Jun Song (*Seoul National University Boramae Medical Center, Korea*)

- SY9-1 Expanding EMS Roles in Disaster Relief Mission**
Ali Haedar (*Department of Emergency Medicine, Saiful Anwar general Hospital, Faculty of Medicine Universitas Brawijaya, Indonesia*)
- SY9-2 EMS Lessons Learned from the Major Incidents in Taiwan from 2013 to 2023**
Chih-Hao Lin (*Department of Emergency Medicine in the National Cheng Kung University Hospital, Taiwan*)

SY9-3 Disaster EMS in The Philippines

Pauline Convocar (*Emergency Department Services of the Manila Doctors Hospital, Philippine*)

SY9-4 Disaster Medical System in Japan

Kentaro Kajino (*Department of Emergency and Critical Care Medicine, Kansai Medical University, Japan*)

SY9-5 Disaster EMS in Korea

Jeong Joo (*Seoul National University Bundang Hospital, Korea*)

December 1 (Fri.)

15:10 - 16:50

Room 2 (TOGO-KINENKAN, JUKO)

Paramedic University summit

Moderators: Brett Williams (*Department of Paramedicin, Monash University, Australia*)

Takahiro Hara (*Faculty of Emergency medicine of Health Care Medical Department, Meiji university of integrative medicine, Japan*)

SY10-1 Thailand Paramedic Education: Present and Future

Chetsadakon Jenpanitpong (*Division of Paramedicine, Department of Emergency Medicine, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand*)

SY10-2 Assistant Medical Officer as Prehospital Care Responder and Manager

Sarah Shaikh Abdul Karim (*Klang Valley Ambulance Service, Emergency and Trauma Department, Hospital Sungai Buloh, Malaysia*)

SY10-3 Korea Paramedic University and fire fighter 119 ambulance, EMS Structure in Korea

Byung-Jun Cho (*Department of Paramedicine, Kangwon National University, Korea*)

SY10-4 The Paramedic Education Pursued by Kokushikan University

Koshi Nakagawa (*Graduate school of Emergency Medical System, Kokushikan University, Japan*)

SY10-5 Understanding Doctoral Supervision in Paramedicine

Brett Williams (*Department of Paramedicin, Monash University, Australia / Faculty of Applied Medical Sciences, Jordan University of Technology (JUST)*)

November 30 (Thu.) 13:25 - 14:25 Room 1 (SECOM, SECOM-Hall)

Lunch symposium 1

Moderator: Shuji Shimazaki (*Research Institute of Disaster Management and EMS, Kokushikan University, Japan*)

LS1-1 SECOM's Message to Asian EMS

Takashi Maki (*SECOM CO., LTD., Japan*)

Sponsored by SECOM MEDICAL SYSTEM CO., LTD.

December 1 (Fri.) 8:20 - 9:20 Room 2 (TOGO-KINENKAN, JUKO)

Morning symposium 1

Moderator: Hideharu Tanaka (*Graduate School of Emergency Medical System, Kokushikan University, Japan*)

MS1-1 Experience of Marathon support in Thailand

Atchariya Pangma (*National Institute For Emergency Medicine (NIEM), Thailand*)

MS1-2 Exertional Heat Stroke Prehospital Management in Tokyo2020 Marathon and Race Walk

Yuri Hosokawa (*Faculty of Sport Sciences, Waseda University, Japan*)

Sponsored by Otsuka Pharmaceutical Factory, Inc.

December 1 (Fri.) 11:40 - 12:40 Room 2 (TOGO-KINENKAN, JUKO)

Lunch symposium 2

Moderator: Sang Do Shin (*Department of Emergency Medicine at Seoul National University Hospital, Korea*)

LS2-1 How do we implement of mechanical CPR in Taiwan

Sheng-Wen Hou (*Taipei Fire Department, Taiwan*)

LS2-2 Mechanical CPR

Yue Yen Lee (*Department of Emergency Medicine, KK Women's and Children's Hospital, Singapore*)

Sponsored by Stryker Japan K.K.

December 1 (Fri.) 11:40 - 12:40 Room 1 (SECOM, SECOM-Hall)

Lunch symposium 3

Moderator: Marcus Ong (*Senior Consultant, Director of Research, and Clinician Scientist, Department of Emergency Medicine in Singapore General Hospital, Singapore*)

LS3-1 Potential of Carbon Cool® in Rapid Prehospital Cooling for Severe Heat Stroke

Takashi Tagami (*Department of Emergency and Critical Care Medicine, Nippon Medical School Musashi Kosugi Hospital, Japan*)

Sponsored by Global Healthcare SG Pte Ltd

November 30 (Thu.) 14:30 - 16:10 Room 3 (TOGO-KINENKAN, TAMAYURA)

Trauma and medical Emergency

Moderators: **Kentaro Kajino** (*Department of Emergency and Critical Care Medicine, Kansai Medical University, Japan*)
Tomoyuki Yamashita (*Emergency and Critical care, Japanese Red Cross Medical Center, Japan*)

- O1-1 Factors affecting Paramedics' decision and willingness to administer analgesia for conscious patients with acute trauma in the pre-hospital setting: An Exploratory Study**
 Sze Ming Gwee (*Emergency Medical Services Department, Singapore Civil Defence Force, Singapore*)
- O1-2 Predictors of early pelvic circumferential compression device use in prehospital care for patients with pelvic fracture**
 Chen Ling Tang (*Division of trauma and acute care surgery, Department of Surgery, Kaohsiung Medical University Hospital, Taiwan*)
- O1-3 The effectiveness of pre-hospital intravenous infusion by ELST for severity trauma patients in Japan**
 Hirofumi Mishima (*Department of Emergency Medical System, Graduate School of Kokushikan University, Japan / Nerima Fire Department, Tokyo Fire Department, Japan*)
- O1-4 Comparison of trauma scoring systems in predicting discharge disability in adult major trauma patients: an international multicenter cross-sectional study in Asia**
 Sabariah Faizah Jamaluddin (*Faculty of Medicine, Universiti Teknologi MARA, UITM Sungai Buloh Campus, Malaysia / The PATOS Clinical Research Network*)
- O1-5 Commonest of the rare: locked-in syndrome due to vascular comolication**
 Anisah Nabhani Azizan (*Emergency and Trauma Department, Hospital Sultanah Nur Zahirah, Malaysia*)
- O1-6 Exploring the delay in the informed consent procedures of patients with ST-segment elevation myocardial infarction undergoing percutaneous coronary intervention: a nationally representative retrospective cohort study**
 Mailikezhati Maimaitiming (*Department of Global Health, School of Public Health, Peking University, Beijing, China*)
- O1-7 Analysis of Suicide and Self-harm Using the Emergency Transport Database in Japan**
 Hiroshi Takyu (*Graduate School of Emergency Medical System, Kokushikan University, Tokyo, Japan*)
- O1-8 Limited Reperfusion Time Benefit of Acute Myocardial Infarction via Emergency Medical Service Transportation in an Urban Area**
 Yu Hsiang Chen (*Department of Emergency Medicine, Taoyuan General Hospital, Taoyuan, Taiwan*)
- O1-9 Developing machine learning based-prediction tool for stroke on prehospital level**
 Minwoo Kim (*Department of Emergency medicine, Seoul National University Hospital, Korea*)

November 30 (Thu.) 16:10 - 17:50 Room 3 (TOGO-KINENKAN, TAMAYURA)

BLS

Moderators: **Stephen Gyung Won Lee** (*Department of Emergency Medicine, Seoul Metropolitan Government Seoul National University Boramae Medical Center, Korea*)
Atushi Sakurai (*Division of Emergency and Critical Care Medicine, Department of Acute Medicine, Nihon University School of Medicine, Japan*)

- O2-1 Tele-instruction tool for multiple lay responders cardiopulmonary resuscitation in telehealth emergency dispatch services: A mixed-methods study**
 Jianing Xu (*School of Public Health, Shanghai Jiao Tong University, Shanghai, China*)
- O2-2 Acceptability of telephone-cardiopulmonary resuscitation (T-CPR) practice in a resource-limited country- a cross-sectional study**
 Fareed Ahmed (*Department of Emergency Medicine, Aga Khan University Hospital, Karachi, Pakistan*)
- O2-3 Improving CPR awareness in a small town in Sarawak, Malaysia**
 Tze Yang Aou (*Emergency Department, Hospital Miri, Malaysia*)
- O2-4 How OHCA cases are reported by mass media in China over 10 years: an observational study**
 Hanbing Xu (*Public Health, Shanghai Jiaotong University School of Medicine, Shanghai, China*)

- O2-5 Applying an adhesive strip to the CPRcard to reduce rescuer leaning during CPR: A randomized controlled crossover trial**
Nurus Asyikin Mohamed Jalil (*Unit for Pre-hospital Emergency Care, Singapore General Hospital, Singapore*)
- O2-6 "Needed but lacked"- the demand and supply determinants of access to CPR training for the lay public in China: a metropolitan citywide qualitative study**
Xuejie Dong (*Department of Global Health, School of Public Health, Peking University, China*)
- O2-7 Say No to "No-No-Go"! How to recognize the most resuscitatable patients by dispatchers**
Yufai Choi (*Accident and Emergency, Pamela Youde Nethersole Eastern Hospital, Hong Kong*)
- O2-8 Training in Basic Life Support and Bystander-Performed Cardiopulmonary Resuscitation and Survival in Out-of-Hospital Cardiac Arrests in Denmark, 2005 to 2019**
Theo Walther Jensen (*Research, Region Zealand Prehospital Center, Denmark*)
- O2-9 What is the real demand for first aid skills among lay public in China?**
Wei Zhang (*Shanghai Jiao Tong University School of Medicine, China*)
- O2-10 Association of Dispatcher-Assisted Cardiopulmonary Resuscitation with Initial Shockable Rhythm and Outcomes in Adults Following Non-Traumatic Out-of-hospital Cardiac Arrest: A 6-year Retrospective Cohort Study in Chiayi City**
Hsu-Wen Pan (*Chiayi City Fire Department, Chiayi City, Taiwan*)

November 30 (Thu.)

17:50 - 19:20

Room 3 (TOGO-KINENKAN, TAMAYURA)

EMS system**Moderators: Ki Jeong Hong** (*Emergency Medicine, Seoul National University Hospital, Korea*)**Tehsiung Wang** (*Emergency Department, Medical Research Institute KITANO HOSPITAL, PIIF Tazuke-kofukai, Japan*)

- O3-1 Trend of the prehospital emergency call and EMS transportation data to improve outcome of emergency patients in Thailand**
Duangpon Thepmanee (*Disaster and Emergency Medical Operating, Navamindradhiraj University, Thailand*)
- O3-2 Validation of the five-tier Taiwan Triage and Acuity Scale for prehospital use by Emergency Medical Technicians in Taoyuan City**
Yung-Hsiang Chang (*Institute of Epidemiology & Preventive Medicine, College of Public Health, National Taiwan University, Taipei, Taiwan / San-Min Fire Department, Taoyuan City, Taiwan*)
- O3-3 Association between using a prehospital assessment unit and hospital admission and mortality - a matched cohort study**
Signe Amalie Wolthers (*Prehospital Center, Region Zealand, Denmark / Department of clinical medicine, University of Copenhagen, Denmark*)
- O3-4 Impact of NGO collaboration on emergency ambulance services in Penang Island, Malaysia**
Yuen Chin Leong (*Emergency and Trauma Department, Hospital Pulau Pinang, Georgetown, Malaysia / College of Emergency Physicians, Academy of Medicine of Malaysia, Malaysia*)
- O3-5 Developing a competency framework for contemporary paramedic practice in Canada**
Alan M Batt (*Department of Paramedicine, Monash University, Melbourne, Australia / Centre for Research and Innovation, Fanshawe College, Ontario, Canada / McNally Project for Paramedicine Research, Ontario, Canada*)
- O3-6 Immersive Simulation and Paramedicine Students' Situational Awareness: A Mixed-Methods Pilot Study**
Brett Williams (*Department of Paramedicine, Monash University, Australia*)
- O3-7 Differences in EMS-witnessed OHCA patients and bystander-witnessed patients: experience of a tertiary medical center in Taiwan**
Yi-Chieh Chen (*Department of Emergency Medicine, Chi-Mei Medical Center, Taiwan*)
- O3-8 Finding a balance between cost and effective: temporal change and difference between fix/unfixed ambulances crews in prehospital OHCA management**
Xuejie Dong (*Department of Global Health, School of Public Health, Peking University, China*)

December 1 (Fri.) 9:40 - 11:20 Room 3 (TOGO-KINENKAN, TAMAYURA)

Resuscitation

Moderators: **Kensuke Fujita** (*Department of Emergency Medicine and Critical Care Medicine, Saiseikai Utsunomiya Hospital, Japan*)
Shoji Yokobori (*Department of Emergency and Critical Care Medicine, Nippon Medical School, Japan*)

- O4-1 Post-resuscitation outcomes among out-of-hospital cardiac arrest patients in Singapore and Japan with initial shockable rhythm using the population-based databases**
 Yohei Okada (*Health Services and Systems Research, Duke-NUS Medical School, Singapore / Department of Preventive Services, Kyoto University, Japan / Singapore PAROS collaborators, Singapore / Osaka-CRITICAL study collaborators, Japan*)
- O4-2 Evaluation of the Effectiveness of Intraosseous Vascular Access Strategies in Patients with Adult, Non-traumatic Out-of-Hospital Cardiac Arrest (OHCA): A Historical Control Study**
 Shang Chiao Yang (*Fire Department, Taoyuan City, Taiwan*)
- O4-3 Strategies for early adrenaline administration through time management using a kitchen timer**
 Norihisa Nakamura (*Graduate School of Emergency Medical Systems, Kokushikan University, Japan / Ibaraki Seinan Fire Department, Japan*)
- O4-4 Endotracheal intubation with and without video laryngoscopy, Supraglottic airway, and 72 hour survival in out-of-hospital cardiac arrest patients: Nationwide observational study**
 Eunjoo Cho (*Department of Emergency Medicine, Seoul National University Hospital, Seoul, Korea*)
- O4-5 Resuscitation of Cardiac Arrest in a Marathon Event : Benefits of Running-mate Doing Early CPR**
 Wan Nur Syazana Athira Wan Iskandar Azam (*Department of Emergency and Trauma, Hospital Kuala Lumpur, Malaysia*)
- O4-6 The Time Limit of Resuscitation at the Scene of Out-of-Hospital Cardiac Arrest in Japan - A study using time-dependent propensity score matching**
 Shunsuke Saito (*Graduate School of Emergency Medical System, Kokushikan University, Tokyo, Japan*)
- O4-7 Prognostic factors for agonal breathing on hospital arrival in out-of-hospital cardiac arrest**
 Shinnosuke Kitano (*Department of Emergency and Critical Care Medicine, Nippon Medical School Tama Nagayama Hospital, Japan*)
- O4-8 Blood Pressure Targets For Out-Of-Hospital Cardiac Arrest Patients: A Systematic Review and Meta-Analysis**
 Shir Lynn Lim (*Cardiology, National University Heart Centre Singapore, Singapore / Yong Loo Lin School of Medicine, National University of Singapore, Singapore*)
- O4-9 Effects of moderate hypothermia versus normothermia on survival outcomes according to the initial body temperature in out-of-hospital cardiac patients: A nationwide observational study**
 Jonghwan Kim (*Department of Emergency Medicine, Seoul National University Hospital, Korea / Laboratory of Emergency Medical Services, Seoul National University Hospital Biomedical Research Institute, Korea*)
- O4-10 Refractory Ventricular Fibrillation or Refractory Resuscitation?**
 Michael Kevin Levy (*Areawide EMS, Anchorage Fire Department Anchorage Alaska; University of Alaska Anchorage, U.S.*)
- O4-11 External validation of the P-ROSC score for predicting prehospital return of spontaneous circulation after out-of-hospital cardiac arrests in Osaka Prefecture, Japan**
 Ryuta Onodera (*Department of Preventive Services, Kyoto University School of Public Health, Japan*)

December 1 (Fri.) 13:15 - 14:55 Room 3 (TOGO-KINENKAN, TAMAYURA)

New EMS Research

Moderators: **Yosuke Honma** (*Department of Emergency Medicine, Chiba Kaihin Municipal Hospital, Japan*)
Yohei Okada (*Health Services and Systems Research, Duke-NUS Medical School, Singapore*)

- O5-1 Core elements for a Pre-hospital Emergency Care Systems Evaluation Toolkit (PECSET) for systems in early stages of development: A Delphi consensus**
 Gayathri Nadarajan (*Department of Emergency Medicine, Singapore General Hospital, Singapore / Pre-hospital & Emergency Research Centre, Health Services & Systems Research, Duke-NUS Medical School, Singapore / Unit for Prehospital Emergency Care, Singapore General Hospital, Singapore / PECSET research group*)

- 05-2 The effect of text message GPS tracking system on emergency medical services response: The Bangkok experience**
Satttha Riyapan (*Department of Emergency Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand / Siriraj Emergency Medical Service Center, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand*)
- 05-3 Can mobilising AEDs by installing them in Taxis improve ROSC?**
Nurul Asyikin Mohamed Jalil (*Unit for Pre-hospital Emergency Care, Singapore General Hospital, Singapore*)
- 05-4 A flight-testing study of a drone delivery of automated external defibrillator in simulating out-of-hospital cardiac arrest in suburban areas of Thailand**
Winchana Srivilaithon (*Department of Emergency Medicine, Faculty of Medicine, Thammasat University, Pathum Thani, Thailand*)
- 05-5 Activating citizens with SNS to improve PAD**
Yosuke Homma (*Chiba Kaihin Municipal Hospital, Japan*)
- 05-6 Revolutionizing OHCA registry in Malaysia: myOHCA - A web-based digital solution**
Yuen Chin Leong (*Emergency and Trauma Department, Hospital Pulau Pinang, Georgetown, Malaysia / College of Emergency Physicians, Academy of Medicine of Malaysia, Malaysia*)
- 05-7 Federated transfer learning for prediction of 30-day survival for out-of-hospital cardiac arrest patients**
Mingxuan Liu (*Duke-NUS Medical School, National University of Singapore, Singapore*)
- 05-8 The disparity of emergency medical service for rapid response in Tokyo**
Kenji Narikawa (*Department of Emergency Medical Science, Nippon Sports Science University, Japan / Graduate School of Medical and Health Science, Nippon Sport Science University, Japan*)
- 05-9 Toward a smart EMS: the Shanghai digital twin EMS center based on 5G technology**
Xuejie Dong (*Department of Global Health, School of Public Health, Peking University, China*)
- 05-10 Development of a scoring system to predict deterioration in Interhospital Transport**
Yeongho Choi (*Department of Emergency Medicine, Seoul National University Bundang Hospital, Seoul, Seongnam, Korea*)
- 05-11 Update on the Save-A-Life (Public Access Defibrillator) Programme in Singapore**
Ivan Chua (*Department of Emergency Medicine, Singapore General Hospital, Singapore*)

December 1 (Fri.)

15:10 - 16:50

Room 3 (TOGO-KINENKAN, TAMAYURA)

Disaster and Environmental Disease**Moderators: Tomozaku Motomura** (*Emergency and critical care center, Nippon Medical School Chiba Hokusoh Hospital, Japan*)**Satttha Riyapan** (*Department of Emergency Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand*)

- 06-1 The wrath of fajr-how continous disaster response training were able to augment the quality of disaster preparedness and response during massive landslide incident at Batang Kali, Genting Highland, Malaysia**
Muhamad Syis Zulkipli (*Department of Emergency and Trauma, Selayang Hospital, Ministry of Health, Malaysia / Department of Medical (Cardiac Care Unit), Kuala Lumpur General Hospital, Malaysia*)
- 06-2 Definition of mass casualty incident in terms of casualty number among different cities in Taiwan**
Chih-Yi Tai (*Fire Department Disaster Rescue Command Center, Ministry of the Interior, University of Central Police University, Taiwan*)
- 06-3 Association of personnel health situations and deployed time: Experiences of Taiwan Urban Search and Rescue (T-USAR) team in the 2023 Turkey-Syria earthquake**
Tzuyi Wang (*Department of Emergency Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan*)
- 06-4 Massive ambulance-to-patient matching scheme for demand surge of emergency rescue requests**
Junghoon Lee (*Department of Computer Science and Statistics, Jeju National University, Korea*)
- 06-5 The Hermit and The Serpent: A Case Report of Unknown Species Snake Bite Case On a Severely Dehydrated Patient During the Ascetic Period**
Eko Priyanto (*Emergency Department, Petrokimia Gresik Hospital, Gresik, Indonesia*)
- 06-6 The Impact of COVID-19 Isolation Policies on Door-to-Electrocardiogram Time and Clinical Outcomes in Patients with Acute Myocardial Infarction**
Jin Hee Kim (*Department of Emergency Medicine, Seoul National University Bundang Hospital, Seongnam, Korea*)

- O6-7 The Impact of Self-Injury on Emergency Services during the COVID-19 Epidemic**
Masanori Mitsuhashi (*Department of Emergency Medical Science, Faculty of Medical Science, Nippon Sport Science University, Japan / Graduate School of Medical and Health Science, Nippon Sport Science University, Japan*)
- O6-8 Demographic characteristics of patients with possible and confirmed COVID-19 diagnosis transported by prehospital care team via ambulance, Labuan hospital**
Muhammad Hisyam Bin Abdul Wahab (*Emergency and Trauma Department, Hospital Wilayah Persekutuan Labuan, Malaysia*)
- O6-9 Impact of COVID-19 pandemic on the resuscitation with extracorporeal membrane oxygenation for out-of-hospital cardiac arrest patients in Osaka, Japan: an observational study**
Yasutaka Hamai (*Department of Preventive Services, Graduate School of Medicine, Kyoto University, Japan*)

Poster

Resuscitation

- P1-1 Evaluate the efficacy of smartphone application for dispatchers and volunteers of cardiopulmonary resuscitation in the pre-hospital setting in Bangkok, Thailand**
Duangpon Thepmanee (*Disaster, and Emergency Medical Operating, Navamindradhiraj University, Thailand / Graduate School of Emergency Medical System, Kokushikan University, Japan*)
- P1-2 Development of smartphone applications for bystander cardiopulmonary resuscitation in the prehospital setting in Thailand**
Duangpon Thepmanee (*Disaster, and Emergency Medical Operating, Navamindradhiraj University, Thailand / Graduate School of Emergency Medical System, Kokushikan University, Japan*)
- P1-3 Advantage of bystander-performed conventional cardiopulmonary resuscitation (CPR) in non-emergency medical service (EMS)-witnessed out-of-hospital cardiac arrest receiving EMS-performed prehospital defibrillation**
Hitoshi Owada (*Department of Emergency Medical Science, Faculty of Health Science, Suzuka University of Medical Science, Japan*)
- P1-4 Evaluation of Cardiopulmonary resuscitation quality and learning effect using a simulator for high school students**
Ryusei Tabata (*Emergency and Disaster Medicine, Medical and Health Science Doctoral Program, Graduate school of Nippon Sport Science University, Japan*)
- P1-5 Comparing Real Emergency vs Training use of a Novel CPR compression feedback device: a community-based intervention**
Nurul Asyikin Mohamed Jalil (*Unit for Pre-hospital Emergency Care, Singapore General Hospital, Singapore*)
- P1-6 Knowledge and attitude on CPR among participants of CPR run & ride in Labuan, Malaysia**
Mohamad Hanifah Mohamad Hamim (*Emergency and Trauma Department, Labuan Hospital, Malaysia*)
- P1-7 Impact of the COVID-19 Pandemic on Bystander Cardiopulmonary Resuscitation for Out-of-Hospital Cardiac Arrest: A Report from Japanese Nation-wide Registry**
Boburjon Mutalov (*Department of Preventive Services, School of Public Health, Graduate School of Medicine, Kyoto University, Kyoto, Japan*)
- P1-8 The effectiveness of sticker to locate hand placement for chest compression in Phramongkutkloa Hospital, Manikin Based study**
Piyatida Kalayanamitra (*Trauma and Emergency Department, Phramongkutkloa Hospital, Thailand*)
- P1-9 Prehospital CPR as an elegant procedure in managing out of hospital cardiac arrest - a case report**
Muhamad Syis Zulkipli (*Department of Emergency and Trauma, Selayang Hospital, Ministry of Health, Malaysia*)
- P1-10 Temporal trend of emergency medical services utilization and outcomes of out-of-hospital cardiac arrest patients transported to a Thai university hospital**
Sattha Riyapan (*Department of Emergency Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand*)
- P1-11 Effects of prehospital adrenaline administration for a cohort of patients that may undergo extracorporeal cardiopulmonary resuscitation: a retrospective observational study with propensity score-matched analysis**
Hisanori Kurosaki (*Department of Prehospital Emergency Medical Sciences, Hiroshima International University, Japan / Department of Circulatory Emergency and Resuscitation Science, Kanazawa University Graduate School of Medicine, Japan*)

- P1-12 Temporal trends in Singapore for out-of-hospital cardiac arrest with an initial non-shockable rhythm**
Shir Lynn Lim (*Department of Cardiology, National University Heart Centre Singapore, Singapore / Department of Medicine, National University of Singapore, Singapore / Pre-hospital and Emergency Research Centre, Duke-NUS Medical School, Singapore*)
- P1-13 The effect of increased use of prehospital mechanical cardiopulmonary resuscitation in COVID-19 pandemic on survival outcomes of out-of-hospital cardiac arrest: Nationwide observational study**
Seulki Choi (*Department of Emergency Medicine, Seoul National University College of Medicine and Hospital, Korea / Laboratory of Emergency Medical Services, Seoul National University Hospital Biomedical Research Institute, Seoul, Korea*)
- P1-14 Long-term survival and recurrence after out-of-hospital cardiac arrest in Korea, 2011-2019**
Yoonjic Kim (*Department of Emergency Medicine, Seoul National University Hospital, Seoul, Korea*)
- P1-15 Factors associated with favorable neurological outcomes in geriatric out-of-hospital cardiac arrests**
Chloe Alexis Ong (*Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore*)
- P1-16 Effectiveness of Ambulance Transport Policies to divert Out-of-hospital Cardiac Arrest patients to Cardiac Arrest Centres**
Sean Shao Wei Lam (*Singapore Health Services, Health Services and Systems Research Duke NUS Medical School, Singapore / Health Services Research Centre, Singapore Health Services, Singapore*)
- P1-17 Association between advanced life support timing and outcomes on out-of-hospital cardiac arrest occurred at home in Japan**
Daigo Morioka (*School of Emergency Medical Science, Meiji University of Integrative Medicine, Kyoto, Japan / Graduate School of Emergency Medical System, Kokushikan University, Tokyo, Japan*)
- P1-18 Effect of Timing of Mechanical Chest Compression Device applied on Adrenaline Time for Out-of-Hospital cardiac arrest patients in Yokosuka city, Japan**
Shingo Yamazaki (*Yokosuka City Fire Bureau, Central Fire Station, Kanagawa, Japan / Graduate School of Emergency Medical System Kokushikan University, Tokyo, Japan*)
- P1-19 Association of the Number of Paramedics and the On-Scene Resuscitative Measures with Adults Patient Survival after Non-Traumatic Out-of-hospital Cardiac Arrest: A Retrospective Cohort Study in Chiayi City**
Yen-Chi Tu (*Dean Branch, Fire Department, Chiayi City, Taiwan*)
- P1-20 Regional cerebral oxygen saturation in resuscitated cardiac arrest patients**
Shir Lynn Lim (*Department of Cardiology, National University Heart Centre Singapore, Singapore / Yong Loo Lin School of Medicine, National University of Singapore, Singapore / Pre-hospital and Emergency Research Centre, Duke-NUS Medical School, Singapore*)
- P1-21 Association of Time of Call Received at Dispatch Centre to Return of Spontaneous Circulation with Survival to Discharge after Out-of-Hospital Cardiac Arrest**
Mabel Zhi Qi Foo (*Department of Emergency Medicine, Singapore General Hospital, National University of Singapore, Singapore / Saw Swee Hock School of Public Health, National University of Singapore, Singapore*)
- P1-22 Endotracheal tube placement confirmation by Portable ultrasonography among paramedics, an experimental study in pig models**
Chirakit Hengrasmee (*Department of Emergency Medicine, Navamindradhiraj University, Thailand*)
- P1-23 The effect of time from patient approached to epinephrine administered on Out-of-hospital cardiac arrest outcomes at a Local Fire Station in Taiwan: An observational study**
Yung-Hsiang Chang (*Institute of Epidemiology & Preventive Medicine, College of Public Health, National Taiwan University, Taipei, Taiwan / San-Min Fire Department, Taoyuan City, Taiwan*)
- P1-24 Effect of real-time audio-visual ventilation feedback provided during out-of-hospital advanced life support (ACLS) on survival after cardiac arrest: Prospective randomized controlled study**
Jaegu Ji (*Department of Emergency Medicine, Busan Paik Hospital, University of Inje, Korea*)
- P1-25 SHIOYA version pit crew CPR aiming for high performance and early ROSC**
Naoshi Seki (*EMT, SHIOYA Wide area administrative union fire department, Japan*)
- P1-26 Results and Possibilities of Bathtub Rescue relying on only Buoyancy**
Yuuki Shinozuka (*Graduate School of Emergency Medical System, Kokushikan University, Japan / Nishikasugai Fire Department, Japan*)

- P1-27 Etiologies, incidence, and survival rates of out-of-hospital cardiac arrest in Danish pediatric patients**
Mathias Geldermann Holgersen (*Department of Paediatrics and Adolescent Medicine, Copenhagen University Hospital Rigshospitalet, Denmark / Copenhagen Emergency Medical Services, Denmark*)
- P1-28 Is the PEMEC systematic approach applicable in other countries?**
Noriyasu Fukuoka (*Department of Emergency Medical Science Faculty of Health Sciences, Kyoto Tachibana University, Japan / PEMEC Planning and Management Subcommittee*)

Poster

Trauma and Disaster

- P2-1 Factors associated with the severity of injured patients and epidemiology of mass casualty traffic incidents in Lampang, Thailand**
Noppadon Seesuwat (*Emergency Department, Lampang Hospital, Thailand*)
- P2-2 The effect of Self-selected scenarios for START triage using Virtual Reality**
Satoshi Harada (*Department of Emergency Medical Science, Faculty of Medical Science, Nippon Sport Science University, Japan / Graduate School of Medical and Health Science, Nippon Sport Science University, Japan*)
- P2-3 Tsunami awareness and preparedness among community of Pulau Betong Village, Pulau Pinang**
Rosli Bin Ahmad (*Emergency and Trauma Department, Penang Hospital, Malaysia, Disaster Preparedness & Prevention Center and Malaysian-Japan International Institute of Technology (MJIT), University Technology Malaysia (UTM), Malaysia / University Technology Malaysia, Malaysia / Disaster Preparedness & Prevention Centre (DPPC), Malaysian-Japan International Institute of Technology (MJIT), Malaysia*)
- P2-4 Medical Emergency Response Training (MERT) in Disaster Management Malaysia**
Fariza Anis Md Tahir (*Emergency and Trauma Department, Hospital Serdang, Selangor, Malaysia*)
- P2-5 Accuracy of Taipei prehospital field triage of major trauma in adults: a study of a medical center**
Wenching Li (*National Fire Agency, Ministry of the Interior, Taiwan*)
- P2-6 More to offer, establishment of nerve block unit in emergency department to minimize the complication of opioids used**
Muhamad Syis Zulkipli (*Department of Emergency and Trauma, Selayang Hospital, Ministry of Health, Malaysia*)
- P2-7 Modified Physiologic criteria for the Field Triage Scheme: Efficacy of Major Trauma Recognition among Different Age Groups across Asia Countries**
Ying-Chih Ko (*Division of Emergency Medicine, Department of Medicine, National Taiwan University Cancer Center, Taiwan / Department of Emergency Medicine, National Taiwan University Hospital, Taiwan*)
- P2-8 Case Report: Prehospital Management of a Lacerated Neck Wound**
Sze Ming Gwee (*Singapore Paramedic, Singapore*)
- P2-9 Relation between scene time and mortality rate in traumatic patient arrived by Thammasat University Hospital Emergency medical service team**
Yaowapha Siripakarn (*Department of Emergency Medicine, Thammasat University Hospital, Pathumthani, Thailand*)
- P2-10 Unstable polytrauma patients: How can we improve at pre hospital care**
Nor Efazura Lenu (*Emergency and Trauma Department, Hospital Umum Sarawak, Malaysia*)
- P2-11 Road safety awareness in communities and seat belt use on outcomes road traffic accident patients**
Hanna Yoon (*Department of Emergency Medicine, Seoul National University Hospital, Seoul, Korea*)
- P2-12 Seeing the unseen**
Mohd Din Nurul Hazirah (*Emergency and Trauma Department, Hospital Sultanah Nur Zahirah, Malaysia*)
- P2-13 Double trouble- managing influx of pandemic cases while Bentong hospital submerged in colossal flood**
Muhamad Syis Zulkipli (*Department of Emergency and Trauma, Selayang Hospital, Ministry of Health, Malaysia*)

- P2-14 The utilization of field ultrasound to augment the accuracy of diagnostic procedure in detecting subtle fractures during mass casualty incident- a holy grail in field emergency medicine**
 Muhamad Syis Zulkipli (*Department of Emergency and Trauma, Selayang Hospital, Ministry of Health, Malaysia / Department of Emergency and Trauma, Sungai Buloh Hospital, Malaysia*)
- P2-15 Efficacy of pressure infusion on crash syndrome at the site of building collapse or closure**
 Takuma Endo (*Graduate School of Business Administration, University of Jobu, Japan*)
- P2-16 Halloween Crowd Crush In Itaewon, South Korea: lessons learned**
 Jundong Moon (*Kongju National University, Korea*)

Poster

First responder

- P4-1 The reliability of chief complaints on third party caller and the actual event (ReCall)**
 Tze Yang Aou (*Emergency Department, Hospital Miri, Malaysia*)
- P4-2 The relationship between third-party callers and *dispatch danger zones* that delay the response time in MECC Miri**
 Nicholas Anak Asu (*MECC Miri, Emergency and Trauma Department of Miri Hospital, Sarawak, Malaysia*)
- P4-3 Comparison of Accuracy of Respiratory Assessment by the Layperson in Various Body Positions**
 Shun Ugai (*Graduate School of Medical and Health Science, Nippon Sport Science University, Japan*)
- P4-4 Paralyzed and Silenced After Knee to Head Injury: A Case of SCIWORA in Adult Patient**
 Eko Priyanto (*Emergency Department, Petrokimia Gresik Hospital, Gresik, Indonesia*)
- P4-5 Physical strain and fatigue levels induced by performing chest compressions in cardiopulmonary resuscitation in a high temperature environment**
 Haruka Takahashi (*Emergency and Disaster Medicine, Medical and Health Science Doctoral Program, Graduate school of Nippon Sport Science University, Japan / Department of Emergency Medical Science, Faculty of Medical Science, Nippon Sport Science University, Japan*)
- P4-6 The Usefulness of an Incident Response Workshop for First Responders**
 Ami Yokoyama (*Graduate School of Medical and Health Science, University of Nippon Sport Science University, Japan*)
- P4-7 The preparation of a manual for supporting to injuries and illnesses at a university baseball club**
 Juna Nakamura (*Department of Graduate school of business administration, University of jobu, Japan*)
- P4-8 Characteristics of emergency call cases at Japanese summer beaches**
 Tatsuya Kaito (*Emergency Medical System, Graduate school of Kokushikan University, Japan / Emergency and Critical Care Center, Japanese Red Cross Medical Center, Japan*)

Poster

EMS system

- P5-1 Health Disparity in Remote Indigenous Islands: Experiences of Emergency Medical Retrieval Services in Lanyu, Taiwan, from 2014 to 2021**
 Shih-Tien Pan (*Department of Emergency Medicine, Chi-Mei Hospital, Liouying, Tainan, Taiwan*)
- P5-2 Air Ambulance in Malaysia: A Case Report of a Patient's Transfer from One Intensive Care Unit (ICU) to Another**
 Fariza Anis Md Tahir (*Emergency and Trauma Department, Hospital Serdang, Selangor, Malaysia*)
- P5-3 Improving out-of-hospital cardiac arrest management in a hospital-based emergency medical service unit in Thailand**
 Sattha Riyapan (*Department of Emergency Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand*)

- P5-4 Impact of Prehospital Antibiotics on In-hospital mortality in Emergency Medical Service patients with sepsis**
Rujabhorn Kotnarin (*Department of Emergency Medicine, Rajavithi Hospital, College of Medicine, Rangsit University, Thailand*)
- P5-5 Mapping critical emergency ambulance resource distribution: A geolocation study of ambulance demand in Penang Island, Malaysia**
Yuen Chin Leong (*Emergency and Trauma Department, Hospital Pulau Pinang, Malaysia / College of Emergency Physicians, Academy of Medicine of Malaysia*)
- P5-6 Keeping it simple and stupid: A new era of ambulance dispatch system with myPHC**
Yuen Chin Leong (*Emergency and Trauma Department, Hospital Pulau Pinang, Georgetown, Malaysia / College of Emergency Physicians, Academy of Medicine of Malaysia, Malaysia*)
- P5-7 A tale of two ambulances: analyzing differences in mileage between hospitals and health care clinics in the state of Penang, Malaysia**
Yuen Chin Leong (*Emergency and Trauma Department, Penang General Hospital, Malaysia*)
- P5-8 Common Procedures in Emergency Medical Service Activities: A Nationwide Cross-sectional Study**
Duangpon Thepmanee (*Disaster and Emergency Medical Operation, Navamindradhiraj University, Thailand*)
- P5-9 How can the pre-hospital emergency care system reduce emergency department overcrowding? A scoping review of the literature**
Jemima Teo (*Department of Emergency Medicine, Singapore General Hospital and Duke-NUS Medical School, Health Services and Systems Research (HSSR), Singapore*)
- P5-10 An Analysis of the Utilization of Ambulance Services between different Triage levels of patients brought to Emergency Department of Ospital ng Makati**
Julius Justine Orsolino Bergonia (*Department of Emergency Medicine, Las Pinas General Hospital and Satellite Trauma Center, Philippines / Department of Emergency, Prehospital and Disaster Medicine, Ospital ng Makati, Philippines*)
- P5-11 Journey towards community paramedicine: domiciliary health care services (DHC), a primary healthcare (PHC) initiative**
Khairul Nasrullah Mohamad (*Emergency and Trauma Department, Hospital Sungai Buloh, Malaysia*)
- P5-12 Screening for Sleepiness and Fatigue Among Metropolis Emergency Ambulance Drivers: A Cross-Sectional Study**
Rosdi Bin Zainol (*Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia, Malaysia / Hospital Kuala Lumpur, Department of Neurology, Jalan Pahang, Kuala Lumpur, Malaysia*)
- P5-13 Characteristics and contributing factors in qualitative study towards ambulance accident reported to Pahang health state department, Malaysia**
Samsuri Bin Md Isa (*Health State Office of Pahang, Malaysia*)
- P5-14 Qualitative study on why paramedics do not terminate resuscitation at scene**
Shun Yee Low (*Department of Emergency Medicine, Sengkang General Hospital, Singapore / Unit for Pre-hospital Emergency Care, Ministry of Health, Singapore / Duke-NUS Medical School, Singapore*)
- P5-15 Refusals in prehospital care: Are we doing it correctly?**
Januel Boneng (*Emergency And Trauma, Sarawak General Hospital, Ministry of Health, Malaysia*)
- P5-16 A Comparison of Mortality in Prehospital Versus Emergency Department Intubations in Patients Evaluated by TUH Emergency Medical Service**
Jiraporn Singthep (*Department of emergency, Thammasat university of Thailand*)
- P5-17 The Emergency Medical Services (EMS) response to Labuan International Sea Challenge (LISC) 2023 event**
Mohamad Hanifah Mohamad Hamim (*Emergency and Trauma Department, Labuan Hospital, Malaysia*)
- P5-18 Impact of mass gathering event on emergency medical system in the area - specific examples of fireworks festival -: a cross-sectional study**
Kazuaki Niwa (*Clinical Simulation Center, Nagoya Ekisaikai Hospital, Japan*)
- P5-19 An Analysis of 119 Emergency Service Dispatches according to Demographic and Ambulance Services**
Min-Hee Kim (*National Fire Research Institute of Korea, Korea*)

P5-20 Study on Emergency Care System for South East Asian Games in CambodiaTakashi Ishizaki (*Research Institute of Disaster Management and Emergency Medical System, Kokushikan University, Tokyo, Japan*)

Poster

EMS Education**P6-1 Accuracy of Palpation of the Radial Pulse by Paramedic Students**Tomohito Amano (*Graduate School of Medical and Health Science, Nippon Sport Science University, Japan*)**P6-2 Pre-hospital ECG online joint conference: a new trend of education born during the pandemic**Ying-Kuo Liu (*Emergency Department, Department of Emergency and Critical Care Medicine, Wan Fang Hospital, Taipei Medical University, Taiwan*)**P6-3 Effectiveness of a simulation-based training program for accidental out-of-hospital deliveries**Yun-Deok Jang (*Department of emergency medicine, University of In je, Busan Paik Hospital, Korea*)**P6-4 The Saudi Paramedic Competency Scale (SPECS) Model**Talal Alshammari (*Department of Emergency Medical Care, Imam Abdulrahman bin Faisal University, Saudi Arabia*)**P6-5 The Perceptions and Expectations of the Clinical Learning Environment in Saudi Arabia: a Multidisciplinary Study**Talal Alshammari (*Department of Emergency Medical Care, Imam Abdulrahman bin Faisal University, Saudi Arabia*)**P6-6 The Effectiveness of 360° Video Education in Snow Mountain Rescue Training**Ririka Dohi (*Department of Emergency Medical Science, Faculty of Medical Science, Nippon Sport Science University, Japan*)**P6-7 Training medical staffs to become an intravenous nurse using participative management model**Masami Yamada (*Nursing Department, Osaka International Cancer Institute, Japan*)**P6-8 Effects of paramedics perception of bleeding volume in bleeding simulation training**Min Namgoong (*Department of Paramedicne, Korea National University of Transportation, Korea*)**P6-9 The Development of Rural Emergency Medical Services: Experiences of Emergency Medical Sea Transport in Penghu, Taiwan, from 2019 to 2021**Yun-Chan Sung (*Penghu County Fire department Baisha Branch, Taiwan*)**P6-10 National Survey for Paramedics on Crisis Intervention Team Training**Hao Yang Lin (*Emergency department, National Taiwan University Hospital, Taiwan*)**P6-11 Changes in Chest Compression Fraction after the introduction of High-Performance CPR Training in Fujigoko Fire Department, Yamanashi, Japan**Minoru Kayanuma (*Fujigoko Fire Department, Japan*)**P6-12 Attitudes and perceptions of Singaporean paramedics in mentoring trainees: a phenomenological study**Ming Xuan Han (*Emergency Medical Service, Singapore Civil Defence Force, Singapore / Department of Paramedicine, Monash University, Australia*)**P6-13 Emerging Concepts in the Paramedicine Literature to Inform the Revision of a Pan-Canadian Competency Framework for Paramedics**Alan M Batt (*Department of Paramedicine, Monash University, Australia / Centre for Research and Innovation, Fanshawe College, Canada / McNally Project for Paramedicine Research, Canada*)**P6-14 Current Status and Challenges of Pre-hospital Emergency Medical Assistance in Developing Countries**Makoto Wakamatsu (*Department of Emergency Medical Technology, Hirosaki University of Health and Welfare Junior College, Aomori, Japan / Japan international paramedical rescue technical cooperation corps (JPR), Japan*)**P6-15 The standardization of pre-hospital acute cardiac care (PACC) in Japan**Hiroshi Otani (*Department of management unit, Japan Emergency Medical System Co., Ltd, Japan*)**P6-16 Empathy levels among Japanese paramedic students**Brett Williams (*Department of Paramedicine, Monash University, Australia / Meiji University, Japan*)**P6-17 Development of Sea Coast emergency medical service training course in Korea**Ilwoong Woo (*Brian D. Allgood Army Community Hospital, Korea*)

- P6-18 Changes in Knowledge, Attitude and Skills of CPR-AED at 6 and 12 months after training with a CPR feedback device**
Nurul Asyikin Mohamed Jalil (*Unit for Pre-hospital Emergency Care, Singapore General Hospital, Singapore*)
- P6-19 CPR performance with use of a novel CPR device**
Nurul Asyikin Mohamed Jalil (*Unit for Pre-hospital Emergency Care, Singapore General Hospital, Singapore*)
- P6-20 Positive shifts in knowledge, attitudes and practice after a 60-minute CPR-AED training**
Nurul Asyikin Mohamed Jalil (*Unit for Pre-hospital Emergency Care, Singapore General Hospital, Singapore*)

Poster

Digital transformation of EMS

- P7-1 Taiwan National EMS e-Registry**
Yu-Chun Chien (*EMS Division, National Fire Agency, Ministry of the Interior, Taiwan*)
- P7-2 Advance Disaster Algorithm Manual (ADAM 1.0) - A new mobile application for paramedic and doctors during disaster response, towards digitalization of disaster response in Malaysia**
Muhamad Syis Zulkipli (*Department of Emergency and Trauma, Selayang Hospital, Selayang Hospital, Ministry of Health, Malaysia / University of Putra Malaysia, Malaysia*)
- P7-3 Sprint - from manual to digital: revolutionizing IFT ambulance services for effective coordination and data retrieval**
Yuen Chin Leong (*College of Emergency Physicians, Academy of Medicine of Malaysia / Emergency and Trauma Department, Hospital Pulau Pinang, Georgetown, Malaysia*)
- P7-4 Design of an emergency rescue service integrating FHIR resources**
Junghoon Lee (*Department of Computer Science and Statistics, Jeju National University, Korea*)
- P7-5 Efforts to Improve Operational Efficiency in Emergency Medical Services in Chiba City**
Keisuke Tomita (*Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Chiba, Japan*)
- P7-6 A Study on the use of virtual reality to maintain of emergency life-saving techniques by Front-line Medics**
Seiji Kikuchi (*Medical Service School of Japan Ground Self Defense Force / Research Institute of Disaster Management and Emergency Medical System, University of Kokushikan, Japan*)

Poster

COVID-19

- P8-1 The Effects of Wearing Masks on Heat illness Patients**
Wataru Takayama (*The Graduate School of Medical and Health Science, Nippon Sport Science University, Japan*)
- P8-2 Advances in Community Paramedicine in response to COVID-19**
Alan M Batt (*Department of Paramedicine, Monash University, Australia / Centre for Research and Innovation, Fanshawe College, Ontario, Canada / McNally Project for Paramedicine Research, Ontario, Canada / Queen's University, Ontario, Canada*)
- P8-3 Comparison of Clinical Outcomes of STEMI Patients before and during COVID-19 Pandemic in a Tertiary Referral Facility**
Nurben Riva Hamid (*Emergency Department, University of the Philippine - Philippine General Hospital, Philippines*)
- P8-4 Effects of the COVID-19 pandemic and the introduction of information and communication technology in emergency scenes on the emergency transport environment in Japan**
Masashi Horiguchi (*Graduate School of Emergency Medical System, Kokushikan University, Tokyo, Japan*)
- P8-5 Effectiveness of pre-hospital training on infection control: Focusing on hand hygiene and donning and doffing of personal protective equipment**
Nagisa Furusho (*Emergency and Disaster Medicine, Medical and Health Science Doctoral Program, University of Nippon Sport Science University, Kanagawa, Japan*)

- P8-6 Influence on home care therapy by COVID-19 pandemic**
Megumi Kohri (*Emergency and Disaster Medicine, Medical and Health Science Doctoral Program, Graduate School of Nippon Sport Science University, Japan*)
- P8-7 Tele-Intensive Care: The NTPC Remote COVID Management Model**
Basanta Kumar Behera (*Department of Medicine, Berhampur University, India / Center of Disaster Management Studies, Indraprastha University New Delhi, India / NTPC Limited, New Delhi, India*)
- P8-8 Caring for patients at a COVID-19 field hospital: Labuan's experience**
Mohamad Hanifah Mohamad Hamim (*Emergency and Trauma Department, Labuan Hospital, Malaysia*)
- P8-9 Flood relief in pandemic: challenges in managing medical emergencies**
Syed Mohamad Nazryen Shah Syed Abd Kassim (*Out Patient Department, Ministry of Health Malaysia*)
- P8-10 IT'S A BUS OR ITS AN AMBULANCE ? IT IS A BUS AS AN AMBULANCE**
Sharon Nyam Bao Yee (*Emergency and Trauma Department Hospital Sungai Buloh, Malaysia*)

Poster

In-hospital

- P9-1 Elucidating the immunological landscape of acute myocardial infarction using an integrated single-cell enzyme and antibody quantification (iSEAQ) assay**
Shir Lynn Lim (*Department of Cardiology, National University Heart Centre Singapore, Singapore / Yong Loo Lin School of Medicine, National University of Singapore, Singapore / Pre-hospital and Emergency Research Centre, Duke-NUS Medical School, Singapore*)
- P9-2 Prognostic factors in patients with non-traumatic epistaxis who visited the emergency department**
Sungmin Lee (*Department of emergency medicine, University of Chonnam National Medical School & Hospital, Korea*)
- P9-3 Clinical Predictors of Outcome Severity In Patients with Acute Methanol Poisoning From Lambanog: Philippine Coconut Wine Seen At Emergency Department of East Avenue Medical Center**
Kirstie Ann Blas De Luna-Pagala (*Department of Emergency Medicine, Quirino Memorial Medical Center, Philippines*)
- P9-4 Study of analysis of death in emergency department in Hospital Batu Gajah**
Jahlelawati Zul (*Emergency and Trauma, Hospital Raja Permaisuri Bainun, MOH, Malaysia*)
- P9-5 A study of misuse of emergency department in Hospital Batu Gajah**
Jahlelawati Zul (*Emergency and Trauma Department, Hospital Raja Permaisuri Bainun, MOH, Malaysia*)
- P9-6 Prediction of mental status based on frontal quantitative electroencephalography in patient visited emergency department with altered mentality**
Kihong Kim (*Department of Emergency Medicine, Seoul National University Hospital, Korea / Laboratory of Emergency Medical Services, Seoul National University Hospital, Korea*)
- P9-7 The exploratory and early-stage initiative of an emergency medicine pharmacist in Japan**
Miku Tamura (*Graduate School of Medicine, Department of Social Medical Sciences, International University of Health and Welfare, Japan*)
- P9-8 Serial lung ultrasound findings in septic shock patients after intravenous fluid therapy in the emergency department: a pilot study**
Wichayada Rangabpai (*Emergency medicine, Mahidol university, Thailand*)
- P9-9 Relationship between mortality and means of visit in Korean emergency room patients**
Yeon Ji Jo (*Health and Medical Policy, chungcheongbukdo public policy institute, Korea*)
- P9-10 Point-of-Care Ultrasound in Mongolia and its Potential in Prehospital Care**
Nobuaki Inoue (*Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan*)

Case report

- P10-1 A Report on 83 Patients with Suspected Methanol Poisoning from Philippine Coconut Wine (Lambanog) Seen at East Avenue Medical Center: A Case Series**
Kirstie Ann Blas De Luna-Pagala (*Department of Emergency Medicine, Quirino Memorial Medical Center, Philippines*)
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